

Converting Colors

$Yxy(68.1775, 0.3627, 0.4199)$

Have a look what the booklet for
Yxy(68.1775, 0.3627, 0.4199)
contains.

Yxy(68.2349, 0.3630, 0.4200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(68.2349, 0.3630, 0.4200)

Conversions

Conversions Part 1

Format	Color
Hex	D8DD8D
RGB	216, 221, 141
RGB Percent	85%, 87%, 55%
CMY	0.1531, 0.1333, 0.4471
CMYK	0.02, 0.00, 0.36, 0.13
HSL	64°, 54%, 71%
HSV	64°, 36%, 87%
XYZ	58.9744, 68.2349, 35.2547
YIQ	210.3850, 22.7000, -25.9400

Conversions

Conversions Part 2

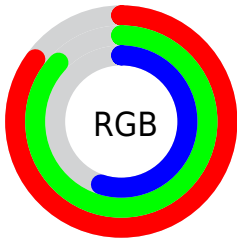
Format	Color
RYB	141, 221, 146
Decimal	14212493
CIELab	86.12, -13.73, 38.74
CIELCh	86, 41.101, 109.513
Yxy	68.2349, 0.3630, 0.4200
Android (android.graphics.Color)	4292402573 (0xFFD8DD8D)
YUV	210.3850, -34.2068, 4.9244
Hunter-Lab	82.6044, -17.1198, 32.5187

Details

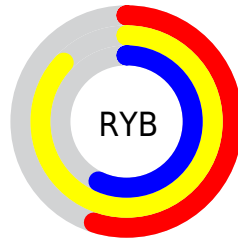
The Yxy color **68.2349, 0.3630, 0.4200** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.3808, 0.2508, 0.2213**, and the grayscale version is **64.9308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **35.4673, 0.3736, 0.4427** is the 20% darker color. If you saturate the color by 10%, you get **67.4329, 0.3757, 0.4438**, and if you desaturate by 10%, it is **69.1761, 0.3493, 0.3949**.

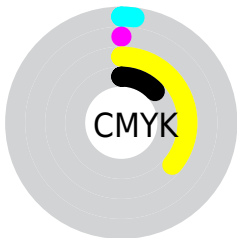
Distribution



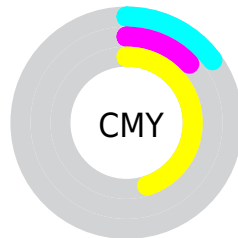
- Red (85%)
- Green (87%)
- Blue (55%)



- Red (55%)
- Yellow (87%)
- Blue (57%)



- Cyan (2%)
- Magenta (0%)
- Yellow (36%)
- Black (13%)




- Cyan (15%)
- Magenta (13%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.2349, 0.3630, 0.4200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 68.2349, 0.3630, 0.4200 by changing the saturation by 10% instead.

 68.2349, 0.3630,
0.4200

 68.2349, 0.3630,
0.4200


454.3278, 0.3406,
0.3768


 50.0889, 0.3677,
0.4299


 116.6881, 0.3555,
0.4049

 35.4840, 0.3733,
0.4422


 147.7641, 0.3525,
0.3991

 24.0360, 0.3798,
0.4576

 183.9188, 0.3499,
0.3941

 15.3603, 0.3875,
0.4774

225.5367, 0.3476,
0.3897

 9.0726, 0.3959,
0.5032

273.0022, 0.3456,
0.3859

 4.7886, 0.4074,
0.5427

326.6996, 0.3437,

 2.1238, 0.4100,

0.3825

0.5900

387.0133, 0.3421,
0.3795

0.6779, 0.3132,
0.6868

0.0000, 0.0000,
0.0000

68.2349, 0.3630,
0.4200

68.2349, 0.3630,
0.4200

67.4329, 0.3757,
0.4438

69.1761, 0.3493,
0.3949

66.7531, 0.3868,
0.4653


70.2545, 0.3353,
0.3693

66.1898, 0.3959,
0.4834


71.4799, 0.3212,
0.3442

65.7332, 0.4025,
0.4975


72.8585, 0.3076,
0.3200

 65.3719, 0.4065,
0.5072

 74.3963, 0.2947,
0.2972


 65.0915, 0.4080,
0.5126

 74.8425, 0.2935,
0.2938

 64.9968, 0.4082,
0.5141

 75.0667, 0.2944,
0.2939

 75.2928, 0.2953,
0.2940

 75.5207, 0.2963,
0.2941

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.2349, 0.4003, 0.4004



68.2349, 0.3630, 0.4200



68.2349, 0.3140, 0.4120

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.2349, 0.3630, 0.4200



68.2349, 0.2210, 0.2805



68.2349, 0.3564, 0.2881

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68.2349, 0.3630, 0.4200



30.3808, 0.2508, 0.2213

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.2349, 0.3048, 0.2611



68.2349, 0.3630, 0.4200



68.2349, 0.2299, 0.2547

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2349, 0.3630, 0.4200



68.2349, 0.2337, 0.3242



68.2349, 0.2593, 0.2488



68.2349, 0.3978, 0.3249

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.2349, 0.3630, 0.4200



68.2349, 0.2815, 0.3898



68.2349, 0.2593, 0.2488



68.2349, 0.3395, 0.2777

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68.2380, 0.3630, 0.4200



97.9891, 0.3280, 0.3563



37.5439, 0.3982, 0.3341



20.9245, 0.3300, 0.3598



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.2380, 0.3630, 0.4200



93.5462, 0.3722, 0.4372



62.9913, 0.3329, 0.4298



15.2199, 0.3257, 0.3522



37.7701, 0.4084, 0.5139



2.4598, 0.4103, 0.5124

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30.3808, 0.2508, 0.2213



34.2794, 0.2362, 0.1964



34.5811, 0.2839, 0.2305



12.6562, 0.2991, 0.3049



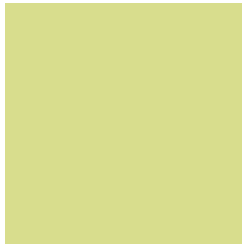
3.1034, 0.1521, 0.0611



0.2152, 0.1584, 0.0646

Previews

White Background



This preview shows how the Yxy color 68.2349, 0.3630, 0.4200 looks on a white background.

Color Contrast Check

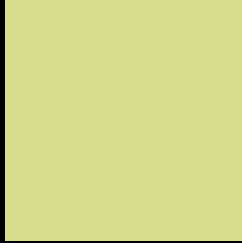
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 68.2349, 0.3630, 0.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

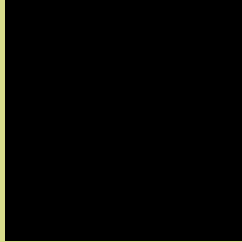
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2349, 0.3630, 0.4200

Background



This preview shows how black text looks on a background with the Yxy color 68.2349, 0.3630, 0.4200.



This preview shows how white text looks on a background with the Yxy color 68.2349, 0.3630, 0.4200.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68.2349, 0.3630, 0.4200

Protanopia

67.9574, 0.3810, 0.4117

Deuteranopia

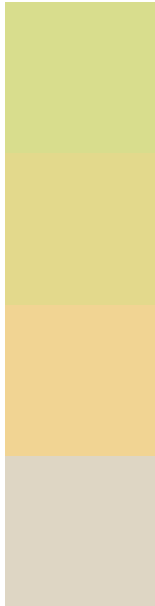
68.1200, 0.3927, 0.3870



Tritanopia

67.8080, 0.3128, 0.3107

Trichromacy



Original Color

68.2349, 0.3630, 0.4200

Protanomaly

67.8501, 0.3739, 0.4143

Deuteranomaly

67.8943, 0.3823, 0.3988

Tritanomaly

67.6083, 0.3312, 0.3491

Monochromacy



Original Color

68.2349, 0.3630, 0.4200

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.5930, 0.3313, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2349, 0.3630, 0.4200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(216, 221, 141)` looks like.

```
.text, #text, p{  
    color:rgb(216, 221, 141)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 221, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 221, 141) }
```

Border

The CSS property to change the border of an element to Yxy 68.2349, 0.3630, 0.4200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 221, 141) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(216, 221, 141) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(216, 221, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 221, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 221, 141);  
box-shadow:4px 4px 4px 4px rgb(216, 221,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2349, 0.3630, 0.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 221, 141) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216,  
221, 141) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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